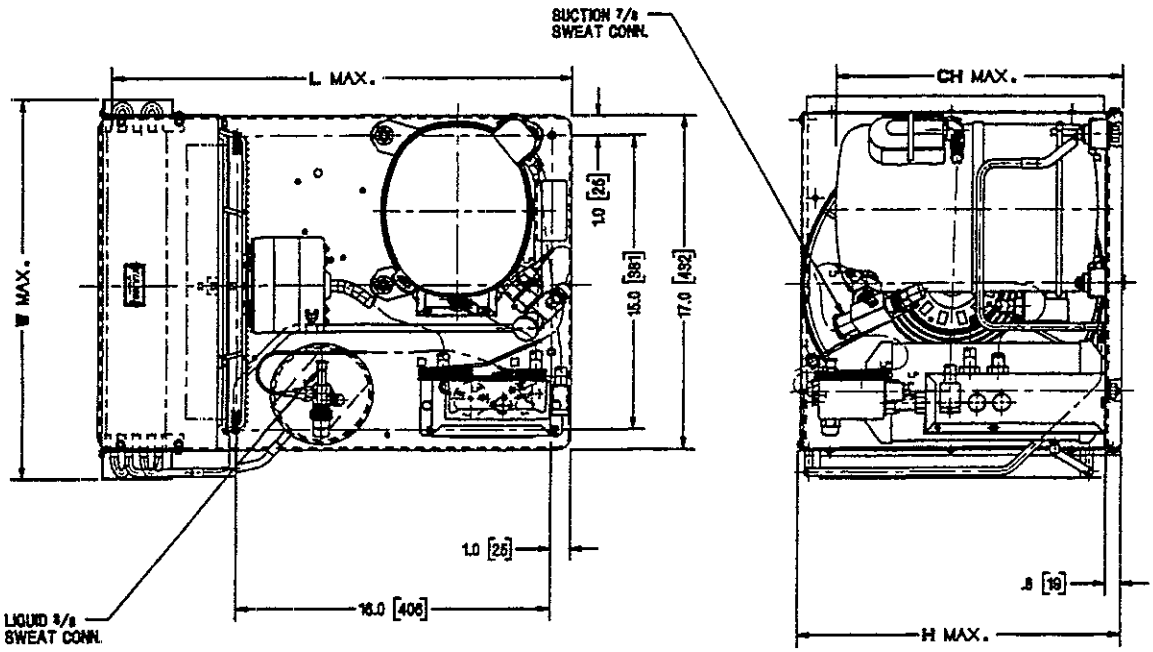
TECUMSEH HERMETIC CONDENSING UNITS

Date: July 15, 1999

MODEL AWG4520EXNXC **R-22** **1 1/2 HP** **AIR COOLED**



NOTE: DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AWA4520EXNXC	24.0	19.4	16.2	15.6	7/8RS	3/8F	8.4	772	38	134

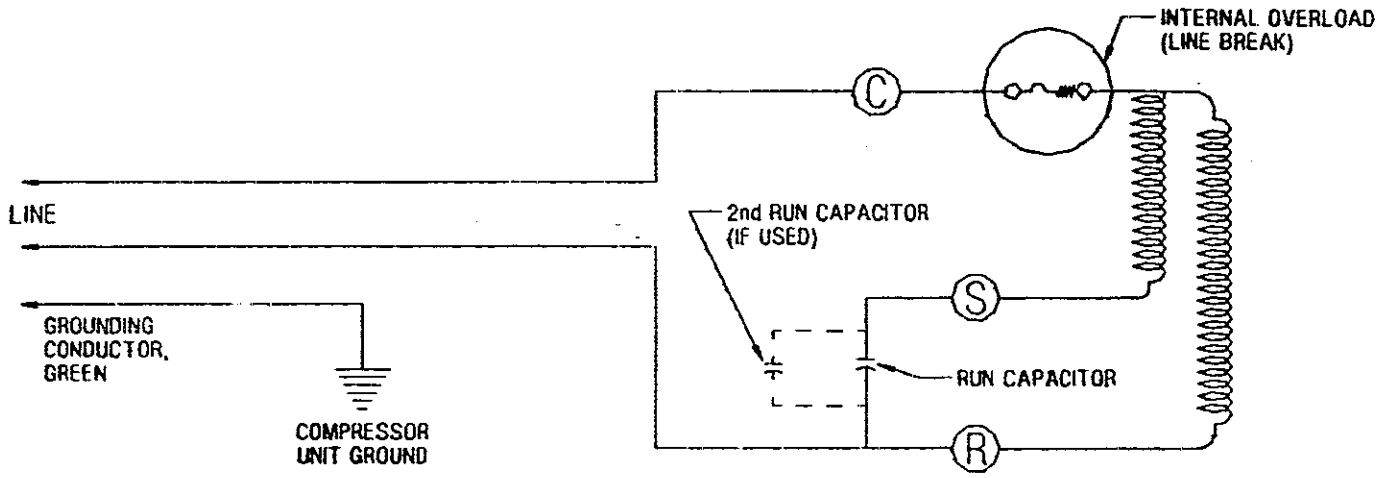
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** **60 HZ PERFORMANCE**

Approved Evap. Range		Ambient											
		80°F			90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
10	32.8	10218	1480	196	9211	1493	221	8240	1515	249	7241	1534	281
15	37.7	11608	1575	204	10493	1597	230	9397	1625	258	8294	1646	290
20	43.0	13047	1674	213	11819	1706	239	10605	1739	268	9397	1764	300
25	48.7	14533	1776	222	13189	1818	249	11865	1858	279	10551	1888	311
30	54.8	16067	1881	233	14604	1935	260	13177	1982	290	11755	2019	323
35	61.4	17648	1990	244	16063	2055	273	14541	2110	303	13010	2156	336
40	68.5	19278	2102	256	17566	2180	285	15956	2243	316	14315	2299	350
45	76.0	20955	2217	269	19114	2309	299	17424	2381	330	15670	2448	364
50	84.0	22681	2335	283	20707	2441	314	18942	2523	345	17077	2604	380
55	92.6	24454	2457	298	22344	2578	330	20513	2670	361	18533	2766	396

Return gas temp. 65 ° F, 5 ° F subcooling

Date: 4-1-98

SPECIFICATIONS	AWG4520EXNXC		
Nominal Voltage	230/208-60-1		
Unit B/M	2B3215-1		
Voltage Range	253 to 197		
Min. Circuit Ampacity	13.4		
Max. Fuse Size (Amps)	20		
Compressor Model	AWG5520EXN		
Bill of Material	AW703ET-111		
RLA/LRA	9.5/52.0		
Fan RLA	1.40		
ESP Overload	Internal		
ESP Relay	820ARR3H23		
Cap. Cab. Assy.	AE1397-001		
Start Cap.	85PS330D17	Run Cap.	85PR370F20
Rating	145-175/330V	Rating	25/370V
Fan Motor	810S050A99		
Pressure Controls	Dual 84066	Receiver Tank	51081-1
Crankcase Heater	91022-1	Rec. Tank RL Valve	31581 (3/8"S)
Fan Blade	51556	Suction Rotolock	31529-1 (7/8"S)
Condenser Shroud	70727-1		
Condenser	DCAW-3		
Fan Guard	70831		
Unit Drawing	SU1918		
Schematic or Elect. Dwg.	DEAW-3		



230 VOLT-SCHEMATIC WIRING
DIAGRAM-PSC-INTERNAL OVERLOAD (LINE BREAK)